PEG0510035CE
Version:0701

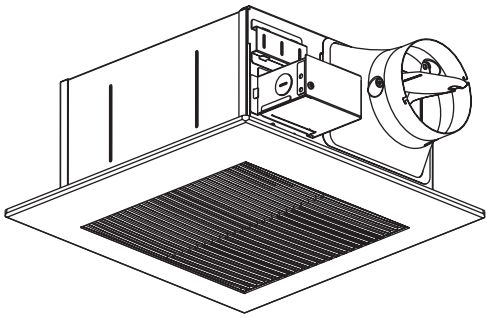
Service Manual

Super Quiet Ventilating Fan

WhisperFit™

(North American Market)

FV-05/08/11VF2



Remark: Because of different structure, we divide this model into Version A & Version B. In Version A, we also divide into Style A & Style B. The change points are mainly refer to the installation method and the cord section. please pay attention when you order these service parts.

SPECIFICATIONS

Model No.	Air direction	V	Hz	Duct diameter (inches)	Noise (sones)	Power consumption (W)	Speed (rpm)	Air deliver (cfm)	Weight lb. (kg)
FV-05VF2	Exhaust	120	60	3	0.5	15	740	50	10.6 (4.8)
				4	0.4	15	635	50	
FV-08VF2				3	0.8	24	845	70	11.0 (5.0)
				4	0.8	24	755	80	
FV-11VF2				3	1.5	33	1230	90	11.2 (5.1)
				4	1.5	33	830	110	

Sepcifications are based on HVI standard.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by ⚠ in the Schematic Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should by replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacture.

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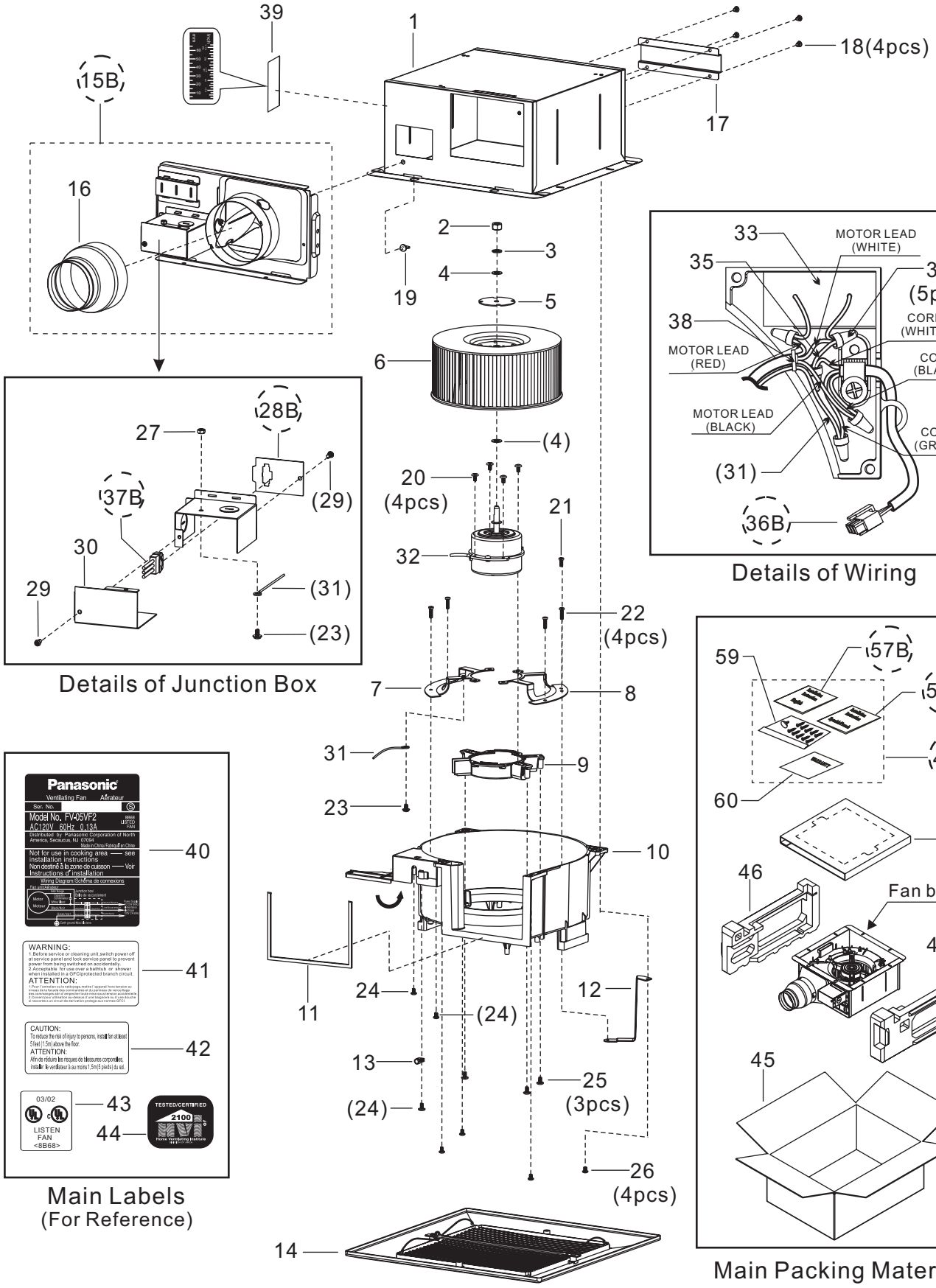
Panasonic®

1 Parts Identification

FV-05VF2



Details of Junction Box

Details of Wiring

Main Labels
(For Reference)

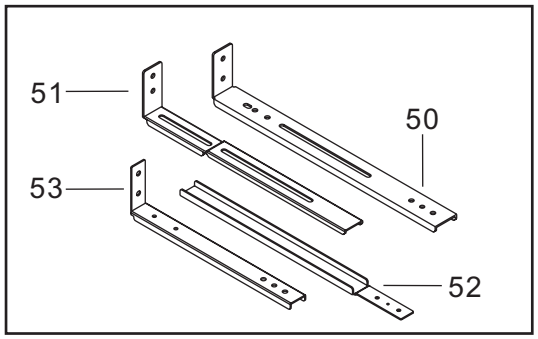
Main Packing Materials

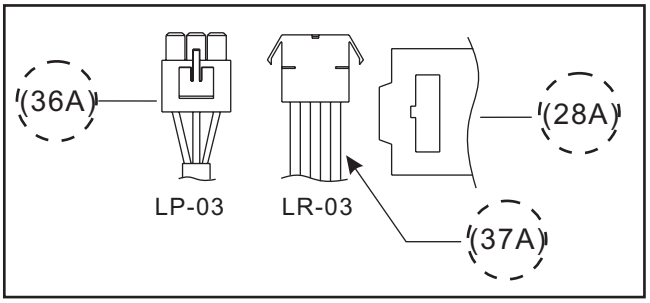
Remark: Please pay attention to the parts which circled with broken line , you can refer to the following 3 pages for details.

1 Parts Identification

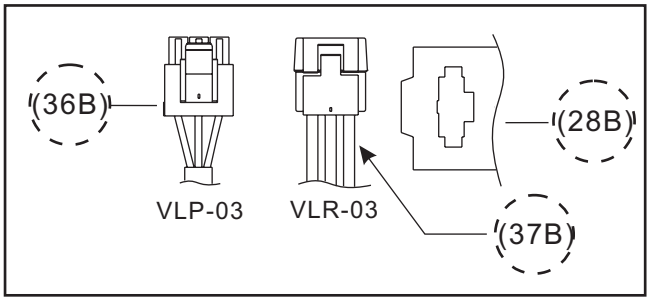
FV-05VF2

Parts For Version A

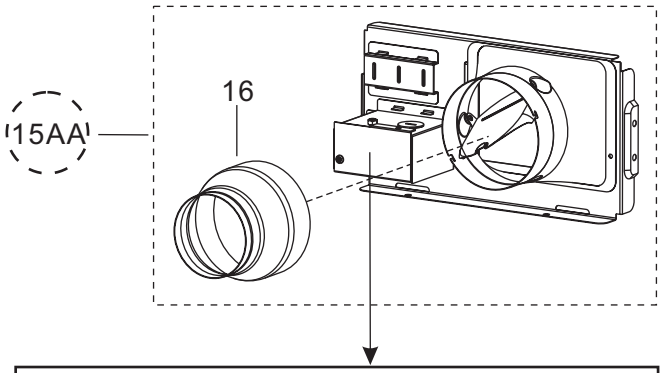


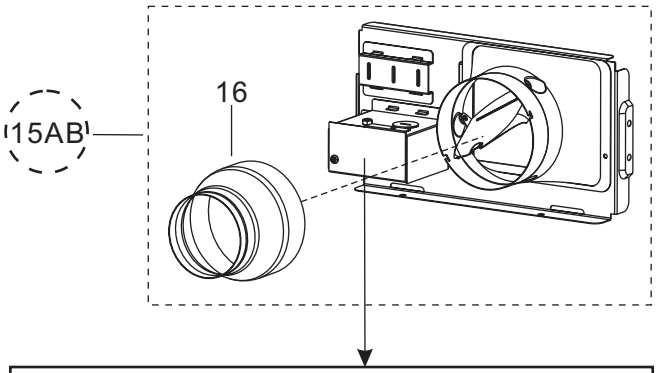


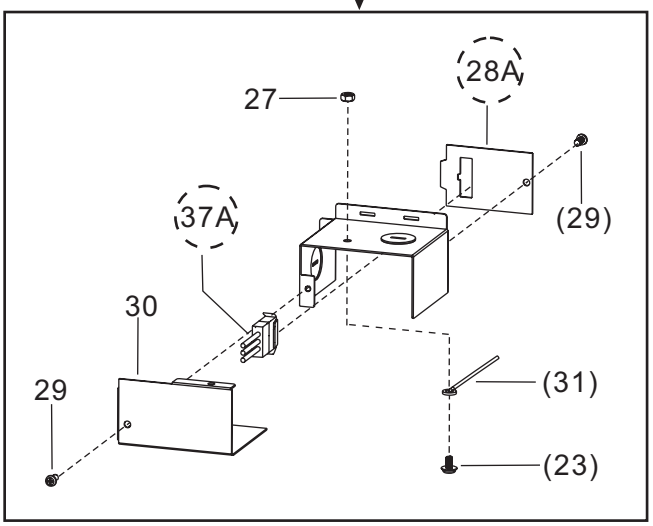
Details of Connector Cord



Details of Connector Cord

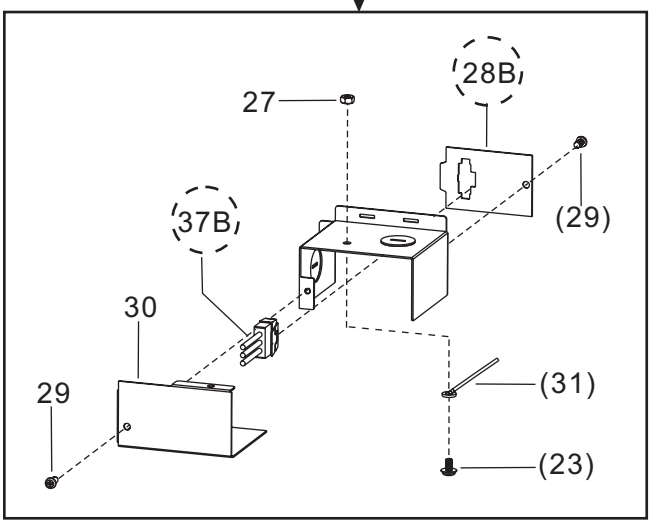






Details of Junction Box

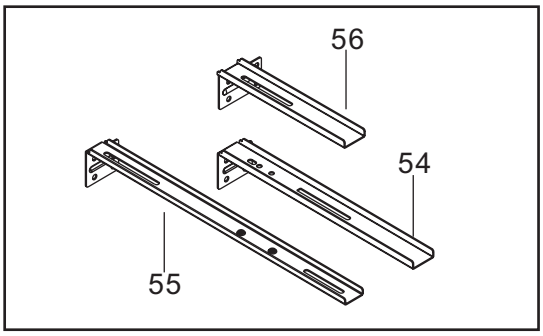
Style A



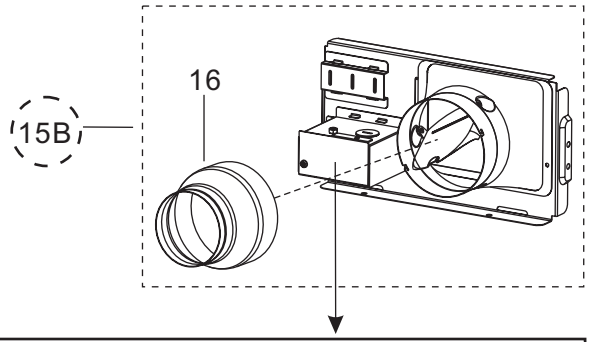
Details of Junction Box

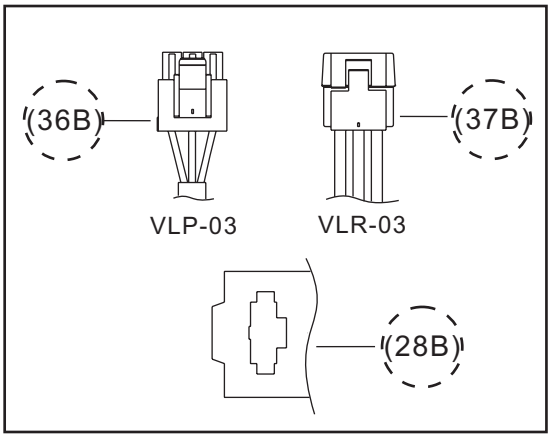
Style B

Parts For Version B

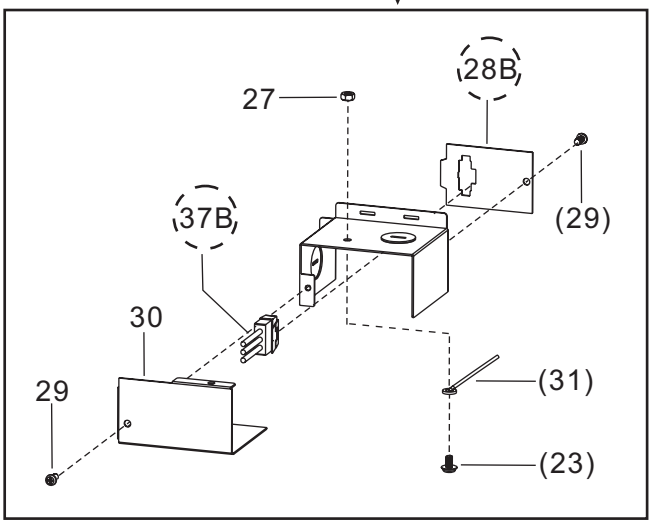


Installation Attachment





Details of Connector Cord



Details of Junction Box

List For Parts Differentiation

Part name	Style A of Version A	Style B of Version A	Version B
Cord	36A	36B	36B
Adapter Assy.	15AA	15AB	15B
Connector Plate	28A	28B	28B
Connector Assy.	37A	37B	37B
Accessory Set	49A	49A	49B
Installation Instruction (English)	57A	57A	57B
Installation Instruction (Spanish)	58A	58A	58B

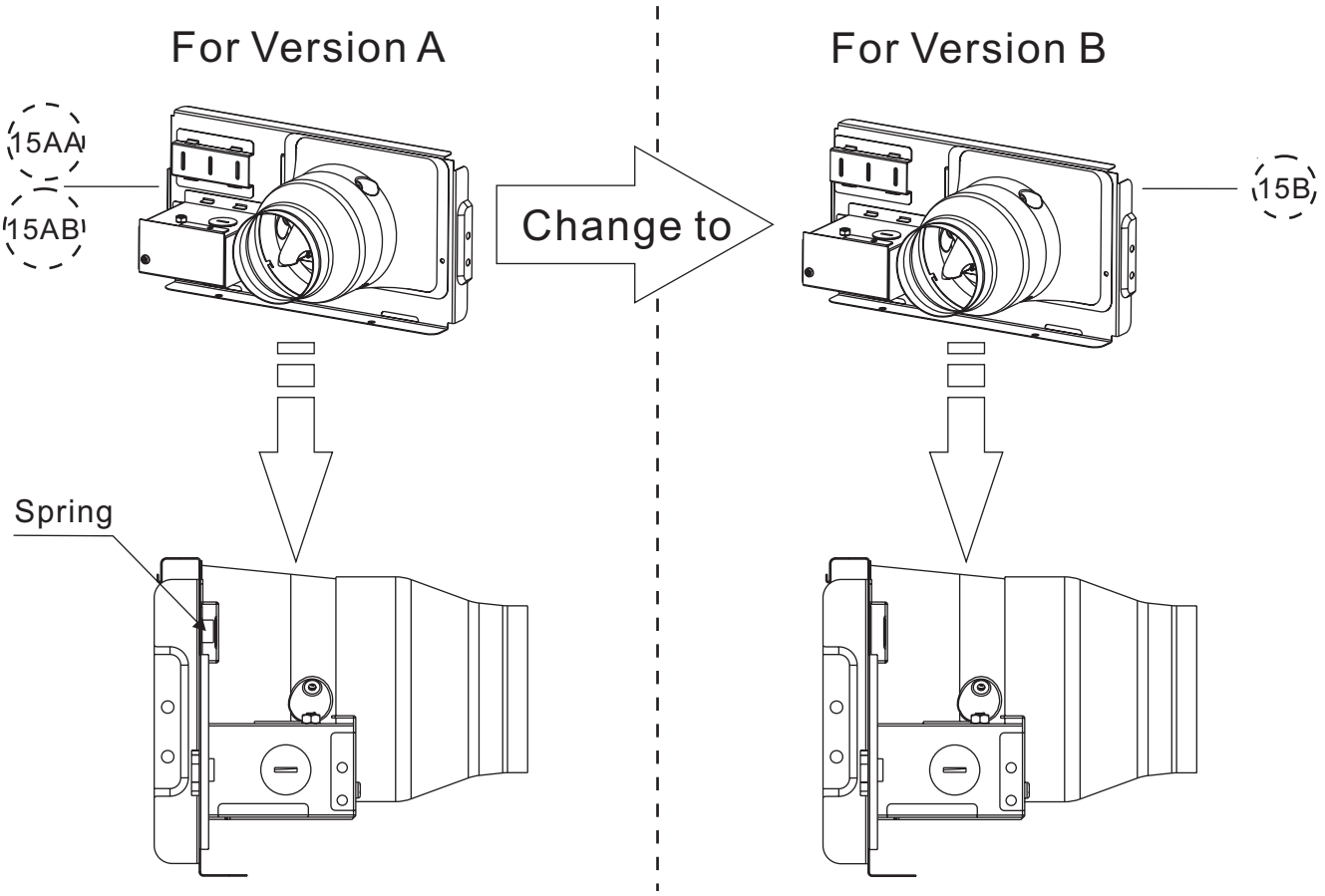
Remarks: For your convenience, we list the differentiation parts above, when you need to order these parts, please judge which version or style is adapt to your machine first. Especially, if you need to order the Adapter Assy.,please refer to the following 1 page for details.

1 Parts Identification

FV-05VF2

Attention:

Guide For Adapter Assy. Order



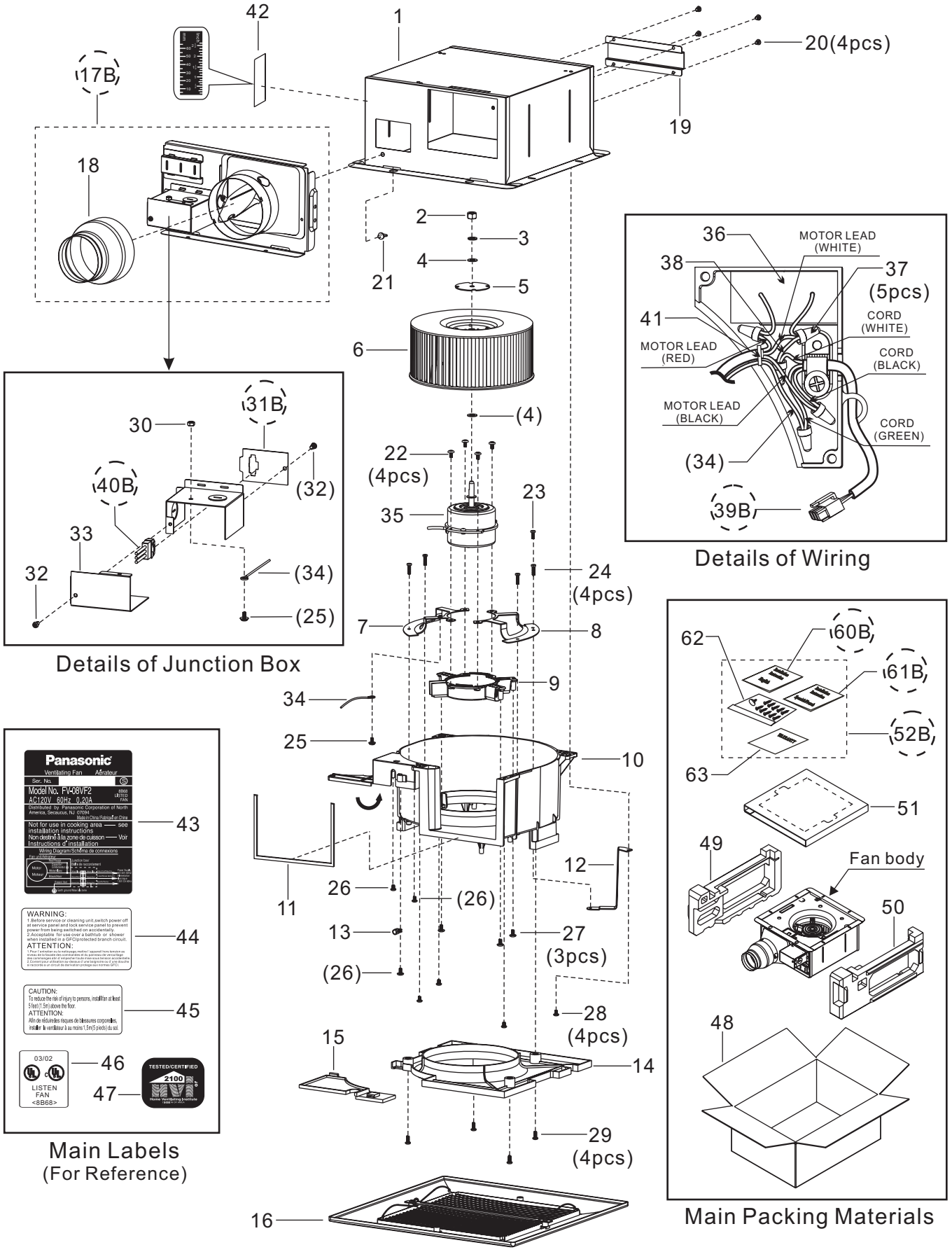
Notice: 1.In order to adapt the market demand, the Adapter Assy. has been upgraded to Version B ,therefore, the Version A part will be provided no longer.

2.If this part in your machine belongs to Version B ,you can order the item 15B (Part No.:FFV0000052S) directly.

3.If this part in your machine belongs to Version A ,you can order the item 15AA (Part No.:FFV0000069S),or item 15AB(Part No.:FFV0000037S) as usual, then we will not only provide the Version B part ,but also provide a set of installation parts to you, those installation parts will be offered free. However, to finish this conversion, you need to re-adjust the installation method.

1 Parts Identification

FV-08/11VF2



Details of Junction Box

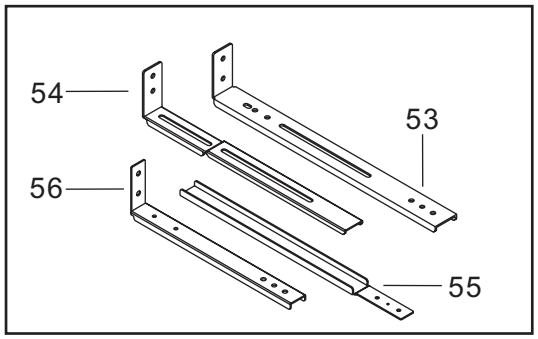
Details of Wiring

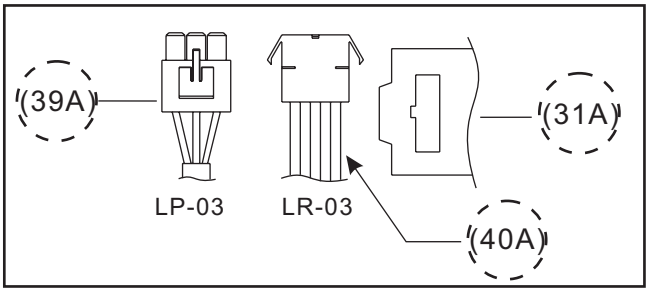
Main Labels
(For Reference)

Main Packing Materials

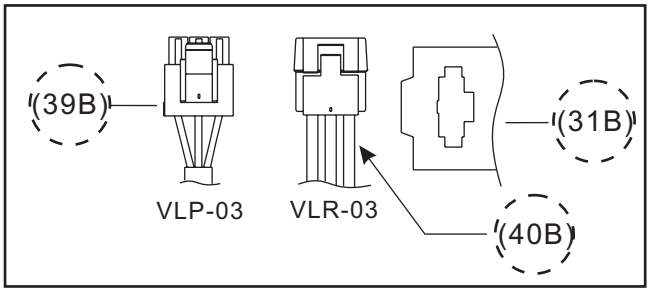
Remark: Please pay attention to the parts which circled with broken line , you can refer to the following 3 pages for details.

Parts For Version A

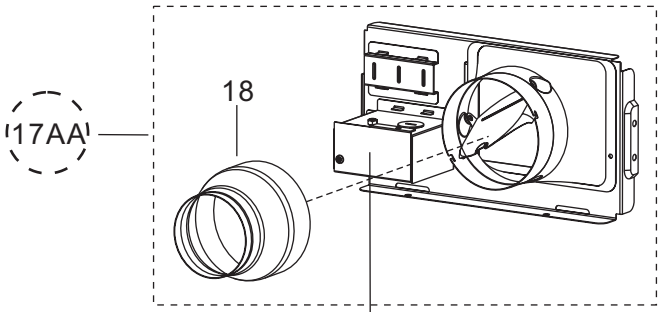


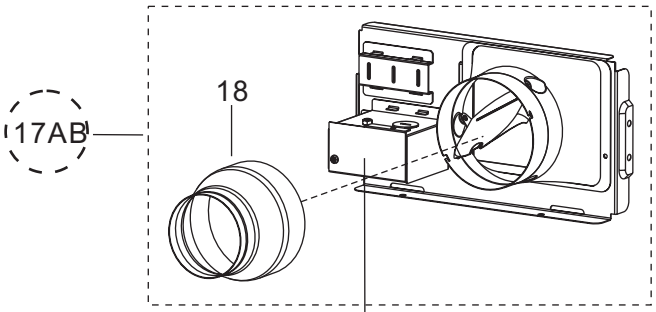


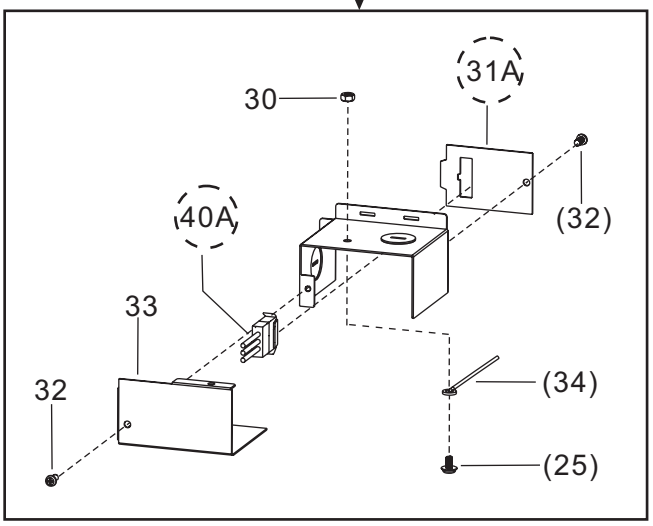
Details of Connector Cord



Details of Connector Cord

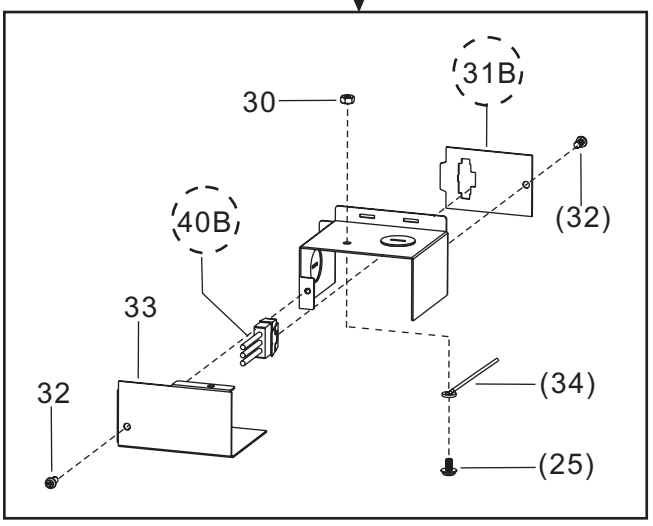






Details of Junction Box

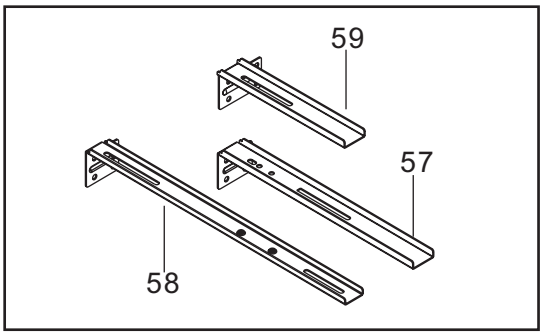
Style A



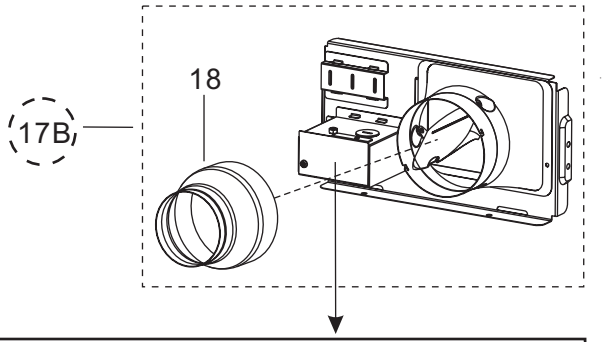
Details of Junction Box

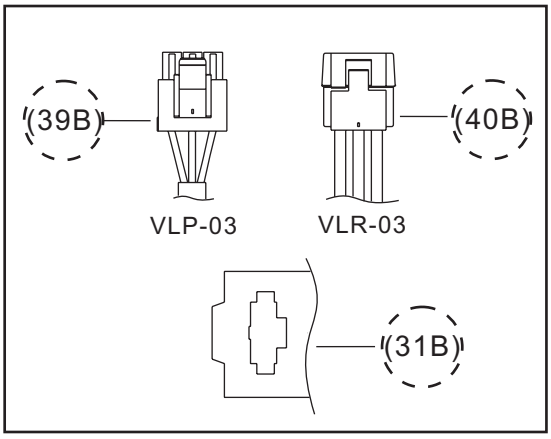
Style B

Parts For Version B

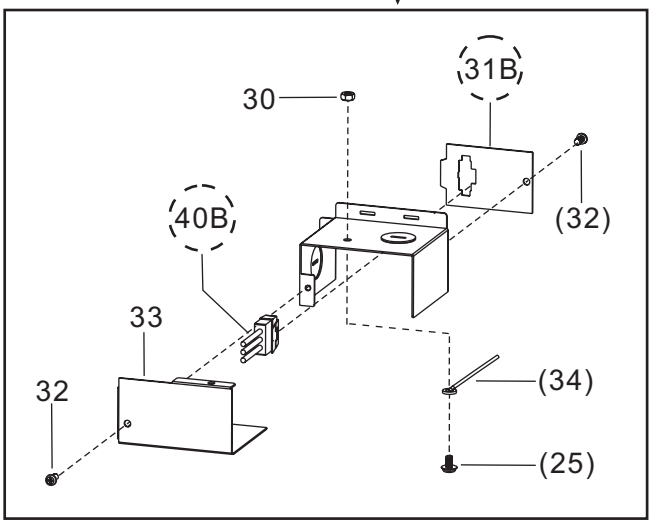


Installation Attachment





Details of Connector Cord



Details of Junction Box

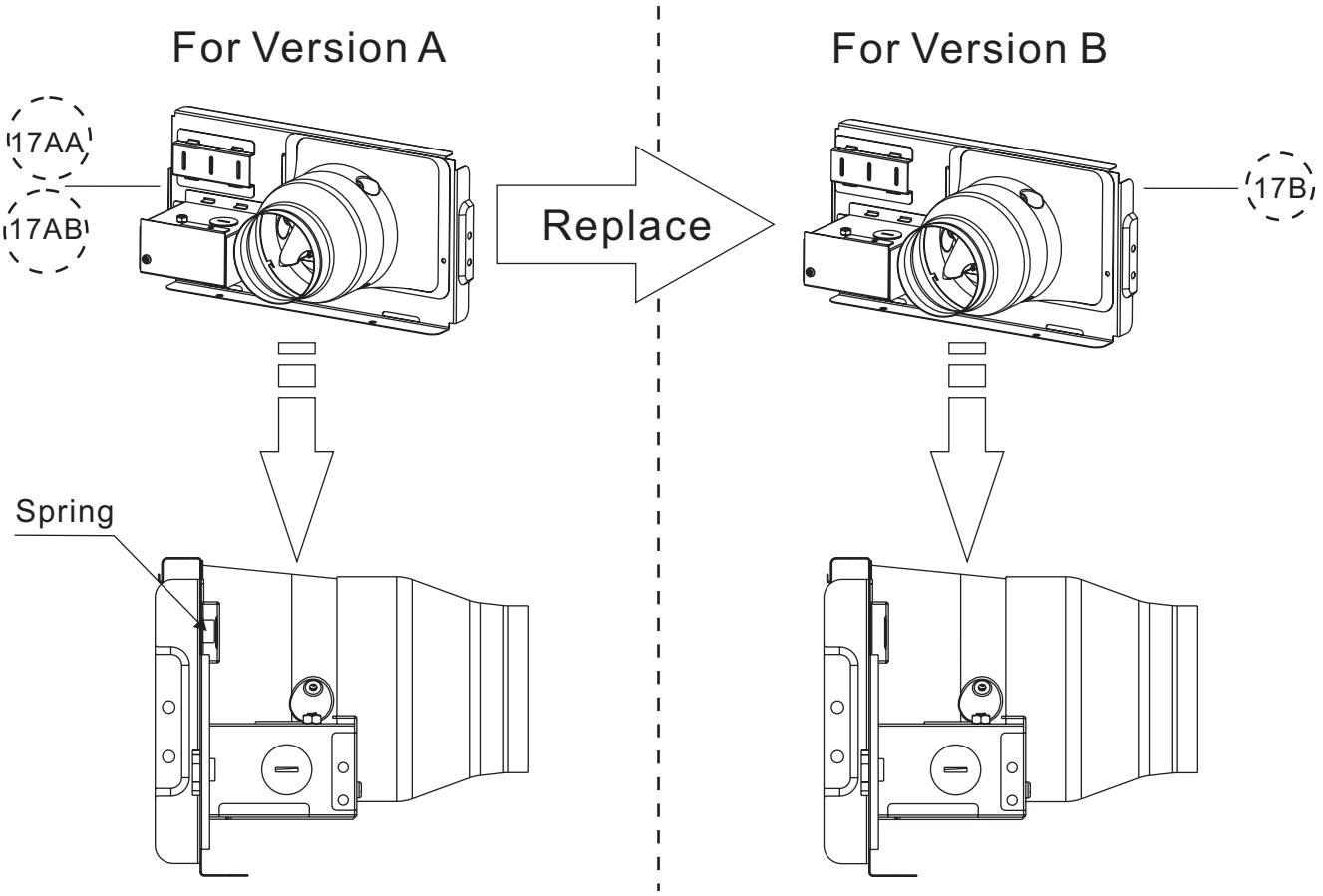
List For Parts Differentiation

Part name	Style A of Version A	Style B of Version A	Version B
Cord	39A	39B	39B
Adapter Assy.	17AA	17AB	17B
Connector Plate	31A	31B	31B
Connector Assy.	40A	40B	40B
Accessory Set	52A	52A	52B
Installation Instruction (English)	60A	60A	60B
Installation Instruction (Spanish)	61A	61A	61B

Remarks: For your convenience, we list the differentiation parts above, when you need to order these parts, please judge which version or style is adapt to your machine first. Especially, if you need to order the Adapter Assy.,please refer to the following 1 page for details.

Attention:

Guide For Adapter Assy. Order



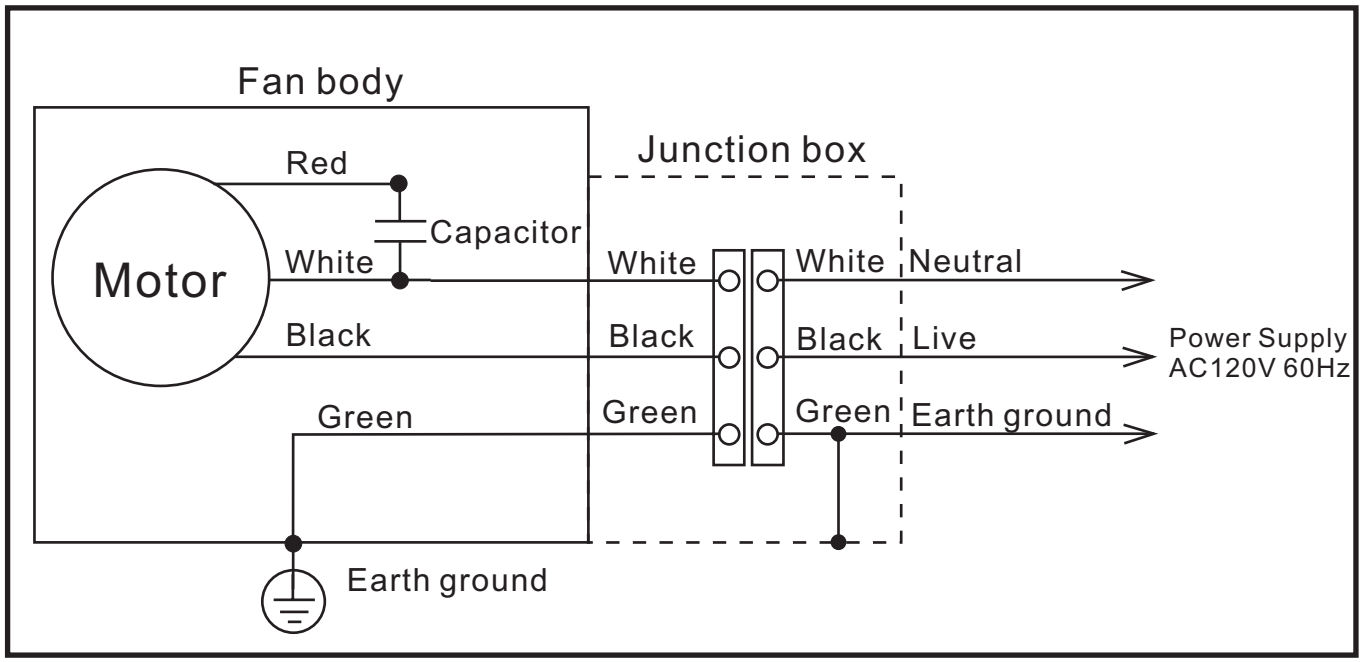
Notice: 1.In order to adapt the market demand, the Adapter Assy. has been upgraded to Version B ,therefore, the Version A part will be provided no longer.

2.If this part in your machine belongs to Version B ,you can order the item 17B (Part No.:FFV0000052S) directly.

3.If this part in your machine belongs to Version A ,you can order the item 17AA (Part No.:FFV0000069S),or item 17AB(Part No.:FFV0000037S) as usual, then we will not only provide the Version B part ,but also provide a set of installation parts to you, those installation parts will be offered free. However, to finish this conversion, you need to re-adjust the installation method.

2 Wiring diagram

FV-05/08/11VF2



3 Parts List

FV-05VF2

No.	Part No.	Part Name	Q'ty	Remark
1	FFV1600063S	Frame Assy.	1	
2	FFV7020018S	Nut	1	For Blade
3	FFV7010026S	Spring Washer	1	For Blade
4	FFV7010025S	Plain Washer	2	For Blade
5	FFV4670002S	Blade Set Plate	1	For Blade
6	FFV0400071S	Blade	1	
7	FFV3730027S	Motor Support 2	1	With Earth Mark
8	FFV3730028S	Motor Support 1	1	
9	FFV3730029S	Motor Support 3	1	
10	FFV0790033S	Casing	1	
11	FFV4610035S	Sponge	1	Sticked On Casing
12	FFV5710020S	Support	1	
13	FFV0740007H	Cord Clip	1	
14	FFV3402111S	Grille Assy.	1	
15AA	FFV0000069S	Adapter Assy.	1	Adapt to Version A,Style A
15AB	FFV0000037S	Adapter Assy.	1	Adapt to Version A,Style B
15B	FFV0000052S	Adapter Assy.	1	For Version B
16	FFV0000038S	Adapter Connector	1	
17	FFV0420024S	Bracket Cover	1	
18	FFV7000018S	Truss Tap Screw	4	For Fixing Bracket Cover to Frame Assy.
19	FFV7040005S	Thumb Screw	1	In Accessory A
20	FFV7000081S	Truss Screw	4	For Fixing Motor Assy. to Motor Support 3
21	FFV7000110S	Flush Head Screw	1	For Fixing Support to Casing
22	FFV7000088S	Flush Head Screw	4	For Fixing Motor Support 1&2 to Casing
23	FFV7030001S	Earth Screw	2	For Fixing Earth Wire ⚠
24	FFV7000097S	Truss Tap Screw	3	For Fixing Capacitor Box Cover(2pcs)& Cord Clip(1pcs)
25	FFV7000111S	Truss Head Screw	3	For Fixing Motor Support 3 to Casing
26	FFV7000080S	Plus Bind Screw	4	For Fixing Casing to Frame Assy.
27	FFV7020015S	Hexagon Nut	1	For Fixing Earth Wire
28A	FFV0900008S	Connector Plate	1	For Style A
28B	FFV0900012S	Connector Plate	1	For Style B
29	FFV7000091S	Pan Tap Screw	2	For Fxing Connector Plate(1pcs) & Junction Cover(1pcs)
30	FFV2800004S	Junctiion Cover	1	
31	FFV3402103S	Earth Wire	2	For Motor Support 2(1pcs) & Junction section(1pcs) ⚠
32	FFV3700214S	Motor Assy.	1	120V 60Hz ⚠
33	FFV0750073S	Capacitor	1	220V,1.5uF ⚠
34	FFV0900024S	Connector	5	⚠
35	FFV3400067S	Lead Wire	1	For Wire Connection ⚠
36A	FFV0730018S	Cord	1	For Style A ⚠
36B	FFV0730022S	Cord	1	For Style B of Version A & Version B ⚠

3 Parts List

FV-05VF2

No.	Part No.	Part Name	Q'ty	Remark
37A	FFV0900002S	Connector Assy.	1	For Style A ⚠
37B	FFV0900013S	Connector Assy.	1	For Style B of Version A & Version B ⚠
38	FFV0440001S	Binder Tie 1	1	For Fastening Motor Lead & Earth Wire
39	FFV5720015S	Scale Tape	1	Sticked On Frame Assy.
40	FFV4020251S	Name Plate	1	Sticked On Frame Assy.
41	FFV6730002S	Warning Label	1	Sticked On Frame Assy.
42	FFV0810002S	Caution Label	1	Sticked On Frame Assy.
43	FFV2260003S	Holograph Label	1	Sticked On Frame Assy.
44	FFV2260002S	HVI Mark	1	Sticked On Frame Assy.
45	FFV9000553S	Packing Case Assy.	1	
46	FFV4710216S	Left Pad	1	Mark With"L"
47	FFV4710217S	Right Pad	1	Mark With"R"
48	FFV4710218S	Grille Pad Assy.	1	For Grille Assy. Packing
49B	FFV0010107S	Accessory Set	1	For USA Market,Use In Version B
(49B)	FFV0010106S	Accessory Set	1	For CA Market,Use In Version B
50	FFV0420001H	Suspension Bracket IV	1	Attachment,Use In Version A
51	FFV5710011S	Suspension Bracket III	1	Attachment,Use In Version A
52	FFV0420015S	Suspension Bracket II	1	Attachment,Use In Version A
53	FFV0420014S	Suspension Bracket I	1	Attachment,Use In Version A
54	FFV5710017S	Suspension Bracket III	1	Attachment,Use In Version B
55	FFV5710018S	Suspension Bracket II	1	Attachment,Use In Version B
56	FFV5710019S	Suspension Bracket I	1	Attachment,Use In Version B
57A	FFV2540012S	Installation Instruction	1	English,Use In Version A
57B	FFV2540032S	Installation Instruction	1	English,Use In Version B
58A	FFV2540013S	Installation Instruction	1	Spanish,Use In Version A
(58B)	FFV2540033S	Installation Instruction	1	Spanish,For USA Market,Use In Version B
(58B)	FFV2540034S	Installation Instruction	1	French,For CA Market,Use In Version B
59	FFV0010076S	Accessory A	1	Included Installation Screws
60	FFV6720003S	Warranty Sheet(USA)	1	For USA Market
(60)	FFV6720002S	Warranty Sheet(CA)	1	For CA Market

3 Parts List

FV-08/11VF2

No.	Part No.	Part Name	Q'ty	Remark
1	FFV1600063S	Frame Assy.	1	
2	FFV7020018S	Nut	1	For Blade
3	FFV7010026S	Spring Washer	1	For Blade
4	FFV7010025S	Plain Washer	2	For Blade
5	FFV4670002S	Blade Set Plate	1	For Blade
6	FFV0400071S	Blade	1	
7	FFV3730027S	Motor Support 2	1	With Earth Mark
8	FFV3730028S	Motor Support 1	1	
9	FFV3730029S	Motor Support 3	1	
10	FFV0790033S	Casing	1	
11	FFV4610035S	Sponge	1	Sticked On Casing
12	FFV5710020S	Support	1	
13	FFV0740007H	Cord Clip	1	
14	FFV4300097S	Orifice	1	
15	FFV4300080S	Orifice Cover	1	
16	FFV3402111S	Grille Assy.	1	
17AA	FFV0000069S	Adapter Assy.	1	Adapt to Version A,Style A
17AB	FFV0000037S	Adapter Assy.	1	Adapt to Version A,Style B
17B	FFV0000052S	Adapter Assy.	1	For Version B
18	FFV0000038S	Adapter Connector	1	
19	FFV0420024S	Bracket Cover	1	
20	FFV7000018S	Truss Tap Screw	4	For Fixing Bracket Cover to Frame Assy.
21	FFV7040005S	Thumb Screw	1	In Accessory A
22	FFV7000081S	Truss Screw	4	For Fixing Motor Assy. to Motor Support 3
23	FFV7000110S	Flush Head Screw	1	For Fixing Support to Casing
24	FFV7000088S	Flush Head Screw	4	For Fixing Motor Support 1&2 to Casing
25	FFV7030001S	Earth Screw	2	For Fixing Earth Wire ⚠
26	FFV7000097S	Truss Tap Screw	3	For Fixing Capacitor Box Cover(2pcs)& Cord Clip(1pcs)
27	FFV7000111S	Truss Head Screw	3	For Fixing Motor Support 3
28	FFV7000080S	Plus Bind Screw	4	For Fixing Casing to Frame Assy.
29	FFV7000106S	Truss Pc Screw	4	For Fixing Orifice to Casing
30	FFV7020015S	Hexagon Nut	1	For Fixing Earth Wire
31A	FFV0900008S	Connector Plate	1	For Style A
31B	FFV0900012S	Connector Plate	1	For Style B of Version A & Version B
32	FFV7000091S	Pan Tap Screw	2	For Fxing Connector Plate(1pcs) & Junction Cover(1pcs)
33	FFV2800004S	Junctiion Cover	1	
34	FFV3402103S	Earth Wire	2	For Motor Support 2(1pcs) & Junction section(1pcs) ⚠
35	FFV3700218S	Motor Assy.	1	120V 60Hz,For FV-08VF2 ⚠
(35)	FFV3700219S	Motor Assy.	1	120V 60Hz,For FV-11VF2 ⚠
36	FFV0750106S	Capacitor	1	250V,2.2uF,For FV-08VF2 ⚠

3 Parts List

FV-08/11VF2

No.	Part No.	Part Name	Q'ty	Remark
(36)	FFV0750129S	Capacitor	1	250V,3.5uF,For FV-11VF2 ⚠
37	FFV0900024S	Connector	5	⚠
38	FFV3400067S	Lead Wire	1	For Wire Connection ⚠
39A	FFV0730018S	Cord	1	For Style A ⚠
39B	FFV0730022S	Cord	1	For Style B of Version A & Version B ⚠
40A	FFV0900002S	Connector Assy.	1	For Style A ⚠
40B	FFV0900013S	Connector Assy.	1	For Style B of Version A & Version B ⚠
41	FFV0440001S	Binder Tie 1	1	For Fastening Motor Lead & Earth Wire
42	FFV5720015S	Scale Tape	1	Sticked On Frame Assy.
43	FFV4020252S	Name Plate	1	Sticked On Orifice,For FV-08VF2
(43)	FFV4020253S	Name Plate	1	Sticked On Orifice,For FV-11VF2
44	FFV6730002S	Warning Label	1	Sticked On Orifice
45	FFV0810002S	Caution Label	1	Sticked On Orifice
46	FFV2260003S	Holograph Label	1	Sticked On Orifice
47	FFV2260002S	HVI Mark	1	Sticked On Orifice
48	FFV9000554S	Packing Case Assy.	1	For FV-08VF2
(48)	FFV9000555S	Packing Case Assy.	1	For FV-11VF2
49	FFV4710216S	Left Pad	1	Mark With"L"
50	FFV4710217S	Right Pad	1	Mark With"R"
51	FFV4710218S	Grille Pad Assy.	1	For Grille Assy. Packing
52B	FFV0010107S	Accessory Set	1	For USA Market,Use In Version B
(52B)	FFV0010106S	Accessory Set	1	For CA Market,Use In Version B
53	FFV0420001H	Suspension Bracket IV	1	Attachment,Use In Version A
54	FFV5710011S	Suspension Bracket III	1	Attachment,Use In Version A
55	FFV0420015S	Suspension Bracket II	1	Attachment,Use In Version A
56	FFV0420014S	Suspension Bracket I	1	Attachment,Use In Version A
57	FFV5710017S	Suspension Bracket III	1	Attachment,Use In Version B
58	FFV5710018S	Suspension Bracket II	1	Attachment,Use In Version B
59	FFV5710019S	Suspension Bracket I	1	Attachment,Use In Version B
60A	FFV2540012S	Installation Instruction	1	English,Use In Version A
60B	FFV2540032S	Installation Instruction	1	English,Use In Version B
61A	FFV2540013S	Installation Instruction	1	Spanish,Use In Version A
(61B)	FFV2540033S	Installation Instruction	1	Spanish,For USA Market,Use In Version B
(61B)	FFV2540034S	Installation Instruction	1	French,For CA Market,Use In Version B
62	FFV0010076S	Accessory A	1	Included Installation Screws
63	FFV6720003S	Warranty Sheet(USA)	1	For USA Market
(63)	FFV6720002S	Warranty Sheet(CA)	1	For CA Market